

## **Task Order 21-10 Payloads**

### **1.0 TITLE OF EFFORT: NT Payloads Support (WBS 1.6.3)**

#### **2.0 TASK DESCRIPTION:**

Coordinate and conduct S&R, SQA, QA & QE activities related to the following payloads: ISS Medical Projects (ISSMP) and Human Research Facility (HRF); Alpha Magnetic Spectrometer (AMS) -02; and ISS freezers and cold stowage hardware.

#### **2.1 STATEMENT OF WORK REFERENCE: Section 6.0 - JSC Project Support**

#### **2.2 REQUIREMENTS**

##### **2.2.1 ISS Medical Projects (ISSMP) and Human Research Facility (HRF) (WBS 1.6.3)**

Provide S&R, SQA, QA & QE functions and support to the Metabolic Laboratory Operations, New Experiment Engineering, Launch Package Test and Integration, HRF facility hardware sustaining engineering, and ISS stowage lockers.

##### **2.2.2 Alpha Magnetic Spectrometer (AMS) - 02 (WBS 1.6.3)**

Provide limited S&R, SQA, QA & QE support.

- a. Provide oversight of quality efforts for the components built on-site and certification assurance for the components built on-site at JSC and off-site at JSC contractors to ensure items meet requirements.
- b. Participate in acceptance/certification reviews to assure verifications for all items that can be closed.
- c. Track open items on a certification tracking log to ensure items are closed prior to shipment for flight and CoFR.

##### **2.2.3 ISS Freezer and Cold Stowage (WBS 1.6.3)**

Provide limited S&R, SQA, QA & QE support for ISS freezers and cold storage items.

Tasks include support to design reviews and review of ADP's and certification packages.

#### **DELIVERABLES**

Requirements Verifications / Certification Status  
SQA, QA & QE Assessments and Presentations

### **3.0 PERIOD OF PERFORMANCE: October 1, 2009 – April 30, 2010**

#### **4.0 ESTIMATED COSTS:**

Contractor may provide travel, training, materials, and other non-labor resources as necessary to support task order requirements. Training may include selected professional discipline-based or spaceflight-based conferences with approval of the TMR.